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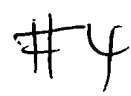
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/774,450
				Filing Date	January 30, 2001
				First Named Inventor	Douglas Alan Ruth et al.
				Art Unit	2838-1775
				Examiner Name	NIA KOPPIKAR
				Attorney Docket number	Q109-US1
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)				
[Diagonal line through table]		US-4,940,858		07-10-1990	Taylor et al.	See generally
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind ⁵ (if known)				
[Diagonal line through table]		JP	2000-058033	A2	02-25-2000	Japan Storage Battery Co. Ltd.	See generally	Abstract only

Examiner Signature	<i>Vin 1692</i>	Date Considered	<i>11/3/03</i>
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form which next communication to applicant.
¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>JHK</i>		US-4,167,413	09-11-1979	Christ et al.	See generally
<i>VH</i>		US-4,180,700	12-25-1979	Kraska et al.	See generally
<i>ZK</i>		US-4,217,137	08-12-1980	Kraska et al.	See generally
<i>ZK</i>		US-4,722,137	02-02-1988	Ellenberger	See generally
<i>ZK</i>		US-4,940,858	07-10-1990	Taylor et al.	See generally
<i>ZK</i>		US-6,335,117 B1	01-01-2002	Yoshida et al.	See generally, Col. 8, lines 5-44 and claim 19
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		Office ³	Number ⁴	Kind ⁵ (if known)				
✓ <i>WPK</i>		EP	0 235 504	A1	09-09-1987	Hewlett-Packard Company	See generally	<i>_____</i>
- <i>WPK</i>		JP	01253941	A2	10-11-1989	NEC Corp	See generally	Abstract
- <i>WPK</i>		JP	01073750	A2	03-20-1989	NEC Corp	See generally	Abstract
<i>WPK</i>		JP	1239958	A2	09-25-1989	Sharp Corp	See generally	Abstract
<i>WPK</i>		JP	11186423	A2	07-09-1999	Sumitomo Metal Mining Co. Ltd.	See generally	Abstract
<i>WPK</i>		JP	2000068396	A2	03-03-2000	Sumitomo Metal Mining Co. Ltd.	See generally	Abstract

Examiner Signature	<i>Vin Jones</i>	Date Considered	1/17/03
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1. Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.